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NEWS	2	DEC	01	ChemPort single article sales feature unavailable
NEWS	3	JAN	06	The retention policy for unread STNmail messages
NEWS	4	JAN	07	will change in 2009 for STN-Columbus and STN-Tokyo WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
				Classification Data
NEWS	5	FEB		Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	6	FEB	02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	7		06	Patent sequence location (PSL) data added to USGENE
NEWS	8	FEB	10	COMPENDEX reloaded and enhanced
NEWS	9	FEB	11	WTEXTILES reloaded and enhanced
NEWS	10	FEB	19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior
				art
NEWS	11	FEB	19	Increase the precision of your patent queries use
NEWS	12	FEB	23	terms from the IPC Thesaurus, Version 2009.01 Several formats for image display and print options
NEWS	13	FEB	23	discontinued in USPATFULL and USPAT2 MEDLINE now offers more precise author group fields
NEWS	14	FEB	23	and 2009 MeSH terms TOXCENTER updates mirror those of MEDLINE - more
NEWS	1.6	FEB	22	precise author group fields and 2009 MeSH terms Three million new patent records blast AEROSPACE into
MEMO	10	FED	23	STN patent clusters
NEWS	16	FEB	25	USGENE enhanced with patent family and legal status
				display data from INPADOCDB
NEWS	17	MAR	06	INPADOCDB and INPAFAMDB enhanced with new display
				formats
NEWS	18	MAR	11	EPFULL backfile enhanced with additional full-text
				applications and grants
NEWS		MAR		ESBIOBASE reloaded and enhanced
NEWS	20	MAR	20	CAS databases on STN enhanced with new super role
NEWS	21	MAR	23	for nanomaterial substances CA/CAplus enhanced with more than 250,000 patent
HEIND	24	THILL	20	equivalents from China
NEWS	22	MAR	30	IMSPATENTS reloaded and enhanced
NEWS	2.3			CAS coverage of exemplified prophetic substances
				enhanced
NEWS	EXP	RESS		E 27 08 CURRENT WINDOWS VERSION IS V8.3, CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
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chain nodes:
13
ring nodes:
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22
chain bonds:
6-7 10-13 13-14
ring bonds:
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 14-15 14-19
15-16 16-17 16-20 17-18 17-22 18-19 20-21 21-22
exact/norm bonds:
6-7 7-8 7-12 8-9 9-10 10-11 10-13 11-12 16-20 17-22 20-21 21-22
exact bonds:
13-14
normalized bonds:
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 12:Atom 12:Atom 15:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 21:Atom 22:Atom

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Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam SAMPLE SEARCH INITIATED 13:02:26 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 56 TO ITERATE

100.0% PROCESSED 56 ITERATIONS SEARCH TIME: 00.00.01 12 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 671 TO 1569 PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

=> s 11 sss full

FULL SEARCH INITIATED 13:02:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1306 TO ITERATE

100.0% PROCESSED 1306 ITERATIONS

301 ANSWERS

SEARCH TIME: 00.00.01

L3 301 SEA SSS FUL L1

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COST IN U.S. DOLLARS

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SINCE FILE TOTAL ENTRY SESSION 185.88 186.10

FULL ESTIMATED COST

2009

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FILE COVERS 1907 - 6 Apr 2009 VOL 150 ISS 15 FILE LAST UPDATED: 5 Apr 2009 (20090405/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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482 L3

26074 NASAL

1 NASALS 26075 NASAL

(NASAL OR NASALS)

210171 AOUEOUS

1 AQUEOUSES

210172 AQUEOUS (AQUEOUS OR AQUEOUSES)

1148784 AO

206 AQS

1148912 AQ

(AQ OR AQS)

1203178 AQUEOUS (AQUEOUS OR AQ)

155126 SPRAY

35610 SPRAYS

175425 SPRAY

(SPRAY OR SPRAYS)

627288 POWDER

219593 POWDERS

725519 POWDER

(POWDER OR POWDERS)

202446 POWD

255 POWDS 202573 POWD

(POWD OR POWDS)

854343 POWDER

(POWDER OR POWD) 1 L3 AND NASAL AND (AQUEOUS OR SPRAY OR POWDER) L4

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:56829 CAPLUS

DOCUMENT NUMBER: 142:141273

TITLE: Pharmaceutical composition for the nasal

administration of piribedil

INVENTOR(S): Rolland, Herve; Wuthrich, Patrick

PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.; Servier Lab

SOURCE: Fr. Demande, 9 pp. CODEN: FRXXBL

DOCUMENT TYPE:

Patent LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

| PATENT NO. | | | | | | DATE | | | | ICAT | | | | | ATE | | | |
|------------|--------------------------------|------|-----|-----|-----|------|------|------|-----|------|----------------|------|-----|-----|-----|------|-----|--|
| FR | 2857 | 594 | | | A1 | | | 0121 | | | 2003- | | | | | 0030 | 717 | |
| FR | 2857 | 594 | | | B1 | | 2005 | 0916 | | | | | | | | | | |
| AU | 2004 | 2587 | 14 | | A1 | | 2005 | 0203 | | AU 2 | 2004- | 2587 | 14 | | 2 | 0040 | 716 | |
| CA | 2532 | 631 | | | A1 | | 2005 | 0203 | | CA 2 | 2004- | 2532 | 631 | | 2 | 0040 | 716 | |
| WO | 2005 | 0094 | 42 | | A1 | | 2005 | 0203 | | WO 2 | 2004-1 | FR18 | 67 | | 2 | 0040 | 716 | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, | |
| | | LK, | LR, | LS, | LT, | LU, | LV. | MA. | MD, | MG. | MK, | MN. | MW. | MX, | MZ, | NA, | NI, | |
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TJ, TM, TN, T | | TR. | TT. | TZ. | UA. | UG. | US. | UZ. | VC. | VN. | YU. | ZA. | ZM. | ZW | | | |
| | RW: | | | | | | | | | | SL, | | | | | | | |
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| | | | TD. | | | , | , | , | , | , | , | , | -2, | , | , | , | , | |
| EP | 1653 | | | | | | 2006 | 0510 | | EP 1 | 2004- | 7676 | 91 | | 2 | 0040 | 716 | |
| | 1653 | | | | | | | | | | | | | | _ | 0010 | | |
| | | | | | | | | | GB. | GR. | IT, | LT. | LU. | NI | SE. | MC. | PT. | |
| | | | | | | | | | | | TR, | | | | | | | |
| CM | 1819 | | | | | | | | | | 2004- | | | | | | | |
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| ΔТ | 3492 | 13 | - | | т | | 2007 | 0115 | | AT 3 | 2004-
2004- | 7676 | 91 | | 2 | 0010 | 716 | |
| | 2007516947 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 2004- | | | | | | | |

| NZ | 544460 | A | 20080430 | NZ | 2004-544460 | | 20040716 |
|----------|------------------|--------|--------------|------|--------------------|-----|----------|
| IN | 2006DN00118 | A | 20070824 | IN | 2006-DN118 | | 20060106 |
| US | 20060204449 | A1 | 20060914 | US | 2006-564139 | | 20060110 |
| MX | 2006000641 | A | 20060330 | MX | 2006-641 | | 20060117 |
| KR | 2006031689 | A | 20060412 | KR | 2006-701141 | | 20060117 |
| KR | 807480 | B1 | 20080225 | | | | |
| NO | 2006000743 | A | 20060216 | NO | 2006-743 | | 20060216 |
| PRIORITY | APPLN. INFO.: | | | FR | 2003-8712 | A | 20030717 |
| | | | | WO | 2004-FR1867 | W | 20040716 |
| 2D Th. | procent inventio | n rola | too to a pha | rmac | contical composit: | ion | for the |

- AB The present invention relates to a pharmaceutical composition for the nasal administration of piribedil in solution or powder forms. Thus, a formulation contained piribedil 100, Rameb (randomly methylated cyclodextrin) 750, and NaCl 68 mg, and water qs to 10 mL
- IT 3605-01-4, Piribedil
 RL: PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological
 - study); USES (Uses)
 (pharmaceutical composition for nasal administration of piribedil)
- RN 3605-01-4 CAPLUS
- CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (CA INDEX NAME)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(NASAL OR NASALS) 7 L3 AND NASAL

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L5 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:233290 CAPLUS

DOCUMENT NUMBER: 150:252678

TITLE: Combinations containing MPO inhibitors against neuroinflammatory disorders

INVENTOR(S): Aahlberg, Gabrielle; Eriksson, Haakan

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 41pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PAT | ENT | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D | ATE | |
|----------------|------|------|----|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
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| WO | 2009 | 0256 | 17 | | A1 | | 2009 | 0226 | | WO 2 | -800 | SE50 | 949 | | 2 | 0080 | 822 |
| W: AE, AG, AL, | | | | AL, | AM, | ΑΟ, | AT, | AU, | AZ, | BA, | BB, | BG, | BH, | BR, | BW, | BY, | BZ, |
| CA, CH, CN, | | | | CO. | CR. | CU. | CZ. | DE. | DK. | DM. | DO. | DZ. | EC. | EE. | EG. | ES. | |

FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 20090053176 A1 20090226 US 2008-195505 20080821

PRIORITY APPLN. INFO.: US 2007-957524P P 20070823

The present invention related to a combination of (a) a compound which is a MPO inhibitor or a pharmaceutically acceptable salt thereof and (b) a compound or a pharmaceutically acceptable salt thereof, which is used in the treatment and/or prevention of PD or Multiple Sclerosis. The invention further relates to pharmaceutical compns. comprising said combination and to methods of treating Neuroinflammatory and Neurodegenerative Disorder(s), such as PD and Multiple Sclerosis in mammals by administrating said combination. The invention further relates to a kit comprising the combination and use of said kit in treatment of Neuroinflammatory Disorder(s).

3605-01-4, Piribedil

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combinations containing MPO inhibitors against neuroinflammatory disorders)

3605-01-4 CAPLUS

REFERENCE COUNT:

RN

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-vlmethyl)-1-piperazinyl]- (CA INDEX NAME)

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2008:1359892 CAPLUS

DOCUMENT NUMBER: 149:519140

TITLE: Oronasopharyngeally deliverable pharmaceutical

compositions of dopamine agonists for the prevention and/or treatment of restless limb disorders

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

Braun, Marina; Schollmayer, Erwin; Sachse, Richard INVENTOR(S): Schwarz Pharma A .- G., Germany PATENT ASSIGNEE(S):

PCT Int. Appl., 58pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--------|------------|-----------------|-------------|
| | | | | |
| WO 2008135527 | A2 | 20081113 | WO 2008-EP55413 | 20080502 |
| WO 2008135527 | A3 | 20090212 | | |
| | 334 30 | 200 211 20 | na no no nu no | man man men |

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,

CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA A1 20081105 EP 2007-9013 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS EP 2007-9013 A 20070504

PRIORITY APPLN. INFO .: US 2007-915964P P 20070504

AB The present invention relates to use of a dopamine agonist such as rotigotine for the preparation of an oronasopharyngeally deliverable pharmaceutical composition for the prevention/alleviation and/or treatment of restless limb disorder, as well as pharmaceutical articles, dosage units and pharmaceutical kits useful in practicing the invention. Thus, intranasal formulation was prepared containing rotigotine hydrochloride 2.5

a/1. α -cyclodextrin 85 g/l, sodium chloride 8 g/l, potassium chloride 0.2 q/l, disodium hydrogen phosphate dihydrate 1.44 q/l, potassium dihydrogen phosphate 0.2 g/l, glycerol 31.2 g/l, water to add up to final volume, and citric acid for pH adjustment (pH of solution 5.8).

3605-01-4, Piribedil

RN

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (oronasopharyngeally deliverable pharmaceutical compns. of dopamine agonists for prevention and/or treatment of restless limb disorders) 3605-01-4 CAPLUS

Pyrimidine, 2-[4-(1,3-benzodioxol-5-vlmethvl)-1-piperazinvl]- (CA INDEX NAME)

ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2008:1324859 CAPLUS

DOCUMENT NUMBER: 149:500102

TITLE: Oronasopharyngeally deliverable pharmaceutical compositions of dopamine agonists for the prevention

and/or treatment of restless limb disorders

PATENT ASSIGNEE(S): Schwarz Pharma A.-G., Germany

SOURCE: Eur. Pat. Appl., 33pp.

CODEN: EPXXDW DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| | | | | |
| EP 1987815 | A1 | 20081105 | EP 2007-9013 | 20070504 |

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             AL, BA, HR, MK, RS
     US 20080274061
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                         A1
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     WO 2008135527
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             FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
             KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
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             PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
             TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
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             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
             TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
             AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRIORITY APPLN. INFO.:
                                            EP 2007-9013
                                                                A 20070504
                                            US 2007-915964P
                                                                P 20070504
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AB The present invention relates to use of a dopamine agonist such as rotigotine for the preparation of an oronasopharyngeally deliverable pharmaceutical composition for the prevention/alleviation and/or treatment of restless limb disorder, as well as pharmaceutical atticles, dosage units and pharmaceutical kits useful in practicing the invention. Thus, intravael formulation was repeated containing religious bydroblevide 2.5

intranasal formulation was prepared containing rotigotine hydrochloride 2.5 g/l, $\,$

 α -cyclodextrin 85 g/l, sodium chloride 8 g/l, potassium chloride 0.2 g/l, disodium hydrogen phosphate dihydrate 1.44 g/l, potassium dihydrogen phosphate 0.2 g/l, glycerol 31.2 g/l, water to add up to final volume, and citric acid for pH adjustment (pH of solution 5.8).

3605-01-4, Piribedil

RN

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (oronasopharyngeally deliverable pharmaceutical compns. of dopamine agonists for prevention and/or treatment of restless limb disorders) 3605-01-4 CAPLUS

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (CA INDEX NAME)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2005:284134 CAPLUS

DOCUMENT NUMBER: 142:349472

TITLE: As-needed administration of an androgenic agent to

enhance female desire and responsiveness
INVENTOR(S): Wilson, Leland F.; Tam, Peter Y.

PATENT ASSIGNEE(S): Vivus Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 19 pp., Cont.-in-part of U.S. Ser. No. 919,472.

Ser. No. 919,47 CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|------------|
| | | | | |
| US 20050070516 | A1 | 20050331 | US 2004-990667 | 20041116 |
| US 5877216 | A | 19990302 | US 1997-959064 | 19971028 |
| US 6306841 | B1 | 20011023 | US 2000-539484 | 20000330 |
| US 20020013304 | A1 | 20020131 | US 2001-919472 | 20010727 |
| PRIORITY APPLN. INFO.: | | | US 1997-959057 B | 2 19971028 |
| | | | | 2 19971028 |
| | | | US 1998-181316 B | 1 19981027 |
| | | | US 2000-539484 A | 2 20000330 |
| | | | US 2001-919472 A | 2 20010727 |

- A method is provided for enhancing a female individual's sexual desire and responsiveness. The method involves administration of a pharmaceutical formulation containing an effective amount of an androgenic agent, wherein administration is on an as-needed basis rather than involving chronic pharmacotherapy. Local delivery may be accomplished via administration to the vagina, vulvar area or urethra of the individual, although oral administration is preferred for those androgenic agents that are orally active. Formulations and kits for carrying out the method are provided as we11.
 - 3605-01-4. Piribedil

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(as addn1. active agents; as-needed administration of an androgenic agent to enhance female desire and responsiveness)

RN 3605-01-4 CAPLUS

CN Pyrimidine, 2-14-(1,3-benzodioxol-5-vlmethyl)-1-piperazinyl|- (CA INDEX

L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2005:56829 CAPLUS

DOCUMENT NUMBER: 142:141273

TITLE: Pharmaceutical composition for the nasal administration of piribedil

INVENTOR(S): Rolland, Herve; Wuthrich, Patrick

PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.; Servier Lab

SOURCE: Fr. Demande, 9 pp. CODEN: FRXXBL

DOCUMENT TYPE: Patent LANGUAGE: French FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PAT | TENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----|------------|------|----------|-----------------|----------|
| | | | | | |
| FR | 2857594 | A1 | 20050121 | FR 2003-8712 | 20030717 |
| FR | 2857594 | B1 | 20050916 | | |
| AU | 2004258714 | A1 | 20050203 | AU 2004-258714 | 20040716 |
| CA | 2532631 | A1 | 20050203 | CA 2004-2532631 | 20040716 |
| WO | 2005009442 | A1 | 20050203 | WO 2004-FR1867 | 20040716 |

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            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
            LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
            NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
            TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
            AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
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            SN, TD, TG
    EP 1653963
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                                         EP 2004-767691
    EP 1653963
                         B1
                               20061227
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            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
    CN 1819828
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    BR 2004012681
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                                                                  20040716
    AT 349213
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                              20070115
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                                                                  20040716
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                                           JP 2006-519966
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    ES 2279435
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                               20070816
                                          ES 2004-767691
                                                                  20040716
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                                          NZ 2004-544460
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                               20070824
                                           IN 2006-DN118
                                                                  20060106
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                               20080225
    NO 2006000743
                                           NO 2006-743
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                                           FR 2003-8712
                                                               A 20030717
PRIORITY APPLN. INFO.:
                                           WO 2004-FR1867
                                                              W 20040716
AR
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- AB The present invention relates to a pharmaceutical composition for the nasal administration of piribedil in solution or powder forms. Thus, a formulation contained piribedil 100, Rameb (randomly methylated cyclodextrin) 750, and NaCl 68 mg, and water qs to 10 mL.

 IT 3605-01-4, Piribedil
- RL: PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
- (pharmaceutical composition for nasal administration of piribedil) N 3605-01-4 CAPLUS
- RN 3605-01-4 CAPLUS CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (CA INDEX NAME)

REFERENCE COUNT:

L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:500259 CAPLUS

DOCUMENT NUMBER: 127:113363 ORIGINAL REFERENCE NO.: 127:21773a,21776a

TITLE: Controlled-release bioadhesive pharmaceutical

compositions containing vinyl acetate-vinylpyrrolidone copolymer

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

INVENTOR(S): Rault, Isabelle; Pichon, Gerald

PATENT ASSIGNEE(S): Adir Et Compagnie, Fr. SOURCE: Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

Patent French

DOCUMENT TYPE: LANGUAGE:

IGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PA | PATENT NO. | | | | KIND | | DATE | | AP | PLI | CAT | ION | NO. | | | ATE | | |
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| EP | 7815 | 50 | | | | | 1997 | 0702 | EP | 19 | 96- | 402 | 788 | | | 9961 | | |
| EP | 7815 | 50 | | | B1 | | 1996 | 1218 | | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FI, | FR, G | В, | GR, | IE, | IT, | LI, | LU, | NL, | PT, | SE |
| FR | 2742 | 989 | | | A1 | | 1997 | 0704 | FR | 19 | 95- | 1570 |)1 | | 1 | 9951 | 229 | |
| FR | 2742 | 989 | | | B1 | | 1998 | 0123 | | | | | | | | | | |
| AT | 2220 | 98 | | | | | 2002 | 0815 | AT | 19 | 96- | 402 | 788 | | 1 | 9961 | 218 | |
| PT | 781550 | | | | T | | 2002 | 1129 | PT | 19 | 96- | 402 | 788 | | 1 | 9961 | 218 | |
| ES | 2180 | 0722 | | | Т3 | | 2003 | 0216 | ES | 19 | 96- | 402" | 788 | | 1 | 9961 | 218 | |
| CA | 2193 | 454 | | | A1 | | 1997 | 0630 | CA | 19 | 96- | 2193 | 3454 | | 1 | 9961 | 219 | |
| CA | 2193 | 454 | | | С | | 2001 | 0724 | | | | | | | | | | |
| NO | 9605 | 475 | | | A | | 1997 | 0630 | ИО | 19 | 96- | 5475 | 5 | | 1 | 9961 | 219 | |
| ZA | 9610 | 864 | | | A | | 1997 | 0627 | ZA | 19 | 96- | 1086 | 54 | | 1 | 9961 | 223 | |
| AU | 9675 | 496 | | | A | | 1997 | 0703 | AU | 19 | 96- | 7549 | 96 | | 1 | 9961 | 223 | |
| AU | 7252 | 83 | | | B2 | | 2000 | 1012 | | | | | | | | | | |
| JP | 0919 | 4395 | | | A | | 1997 | 0729 | JP | 19 | 96- | 3436 | 571 | | 1 | 9961 | 224 | |
| CN | 1159 | 950 | | | A | | 1997 | 0924 | CN | 19 | 96- | 1231 | 198 | | 1 | 9961 | 227 | |
| US | 5900 | 247 | | | A | | 1999 | 0504 | US | 19 | 96- | 7773 | 306 | | 1 | 9961 | 227 | |
| RIT | Y APP | LN. | INFO | . : | | | | | FR | 19 | 95- | 1570 | 01 | | A 1 | 9951 | 229 | |
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AB Bioadhesive pharmaceutical composition for the controlled release of active

agents in buccal cavity or through nasal, vaginal, and rectal mucosa are claimed. The bioadhesive compns. contain vinyl

acetate-vinylpyrrolidone copolymer (I) and polysaccharides.

Dihydroergotamine monomethanesulfonate 0.15, I 5, and ethanol:0.1N HCl

 $(50\bar{:}50)$ 10 mL were mixed to obtain a homogeneous solution followed by addition of 0.5 g propylene glycol. The mixture thus obtained was spread on an

ethylene-vinyl acetate film and dried at room temperature for 2h. Disks of $1\ \mathrm{cm}$

diameter having thickness of 0.2 mm were cut from above film for use. IT 52293-23-9, Piribedil monomethane sulfonate

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (controlled-release bloadhesive pharmaceutical compns. containing vinyl acetate-vinvlpyrrolidone copolymer)

RN 52293-23-9 CAPLUS

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 3605-01-4

CMF C16 H18 N4 O2

CM :

CRN 75-75-2 CMF C H4 O3 S

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 1995:881856 CAPLUS

DOCUMENT NUMBER: 123:329760

ORIGINAL REFERENCE NO.: 123:58869a,58872a TITLE:

Different effects of dopamine and piribedil (a dopamine D2 agonist) on frog monocular optokinetic

nystagmus asymmetry

AUTHOR(S):

Jardon, Blandine; Bonaventure, Nicole CORPORATE SOURCE: Laboratoire de Neurophysiologie et Biologie des

Comportements, CNRS, Strasbourg, 67084, Fr.

Vision Research (1995), 35(19), 2665-73 SOURCE: CODEN: VISRAM; ISSN: 0042-6989

PUBLISHER: Elsevier DOCUMENT TYPE: Journal

LANGUAGE: English Frog monocular optokinetic nystagmus (OKN) displays a directional asymmetry, reacting only to stimulations in the temporal-nasal (T-N) direction. The nasal-temporal (N-T) component is almost absent. The systemic or intrapretectal injection of Piribedil, a D2 dopamine agonist, provokes the appearance of a N-T component suppressing the monocular OKN asymmetry. Conversely, dopamine or haloperidol (a dopamine antagonist, acting mainly on D2 receptors) have no effect upon the monocular OKN unidirectionality. The monocular OKN N-T component still appears after administration of Piribedil even if this injection is preceded by administration of haloperidol which blocks the dopaminergic D2 receptors. Moreover administration of atropine (a cholinergic muscarinic antagonist) following that of Piribedil suppresses the N-T component; when injected before Piribedil, atropine prevents the appearance of the N-T

muscarinic receptors. 3605-01-4, Piribedil

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

component. These results suggest that in the expts., Piribedil binds with

(different effects of dopamine and piribedil (a dopamine D2 agonist) on frog monocular optokinetic nystagmus asymmetry)

3605-01-4 CAPLUS RN

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-vlmethvl)-1-piperazinvl]- (CA INDEX NAME)

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ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:233290 CAPLUS

DOCUMENT NUMBER: 150:252678

TITLE: Combinations containing MPO inhibitors against

neuroinflammatory disorders

INVENTOR(S): Aahlberg, Gabrielle; Eriksson, Haakan Astrazeneca AB, Swed. PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 41pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| | PA: | TENT | NO. | | | KIN | D | DATE | | | | | | | | D. | ATE | |
|----|-------|------------|------|------|------|------|------|------|------|------|-------|-------|------|------|-----|------|-------|-------|
| | | | | | | | - | | | | | | | | | | | |
| | WO | 2009 | 0256 | 17 | | A1 | | 2009 | 0226 | | WO 2 | 008- | SE50 | 949 | | 2 | 0080 | 322 |
| | | W: | ΑE, | AG, | AL, | AM, | AO, | AT, | AU, | AZ, | BA, | BB, | BG, | BH, | BR, | BW, | BY, | BZ, |
| | | | CA. | CH, | CN. | co. | CR. | CU. | CZ, | DE. | DK. | DM. | DO. | DZ. | EC, | EE, | EG, | ES, |
| | | | FI. | GB. | GD. | GE. | GH. | GM, | GT. | HN. | HR. | HU. | ID. | IL. | IN. | IS. | JP. | KE. |
| | | | | | | KZ, | | | | | | | | | | | | |
| | | ME, MG, ME | | | | | MW. | MX, | MY, | MZ, | NA. | NG. | NI. | NO. | NZ, | OM, | PG, | PH. |
| | | PL, PT, RC | | | | | RU. | sc. | SD. | SE. | SG. | SK. | SL. | SM. | ST. | sv. | SY. | TJ. |
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| | | RW: | | | | | | CZ. | | | | | | | | | HR. | HU, |
| | | | IE. | IS. | IT. | LT. | LU, | LV, | MC. | MT. | NL. | NO. | PL. | PT. | RO. | SE. | SI, | SK. |
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| | | | AM. | AZ. | BY. | KG. | KZ. | MD. | RU. | TJ. | TM | | | | | | | |
| | US | 2009 | 0053 | 176 | | A1 | | 2009 | 0226 | | US 2 | 008- | 1955 | 05 | | 2 | 0080 | 321 |
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is a MPO inhibitor or a pharmaceutically acceptable salt thereof and (b) a compound or a pharmaceutically acceptable salt thereof, which is used in the treatment and/or prevention of PD or Multiple Sclerosis. The invention further relates to pharmaceutical compns. comprising said combination and to methods of treating Neuroinflammatory and Neurodegenerative

Disorder(s), such as PD and Multiple Sclerosis in mammals by administrating said combination. The invention further relates to a kit

comprising the combination and use of said kit in treatment of Neuroinflammatory Disorder(s).

3605-01-4, Piribedil

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(combinations containing MPO inhibitors against neuroinflammatory disorders)

3605-01-4 CAPLUS CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-vlmethyl)-1-piperazinyl]- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN 2007:1088890 CAPLUS

ACCESSION NUMBER: 147:392440

DOCUMENT NUMBER:

TITLE: Transdermal delivery of systemically active central nervous system drugs

INVENTOR(S): Carrara, Dario Norberto R.; Grenier, Arnaud; Alberti,

Igno; Henry, Laetitia; Decaudin, Celine

PATENT ASSIGNEE(S): Switz. SOURCE: U.S. Pat. Appl. Publ., 24pp., Cont.-in-part of U.S.

Ser. No. 634,005. CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | ENT | | | | KIN | | DATE | | | APPL | | | | | | ATE | |
|----------|--|--------------------------|-------------------|--------------------------|--------------------------|--------------------------|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
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7214 | | | | | | | | | US 2 | 003- | 3435 | 70 | | 2 | 0030 | 519 |
| AU
CA | US 7214381 B AU 2004283431 A CA 2538856 A | | | | | | 2005
2005 | 0506
0506 | | CA 2 | 004- | 2538 | 856 | | 2 | 0041 | 006 |
| WO | O 2005039531 A1 2005050 W: AE, AG, AL, AM, AT, AU, AC CN, CO, CR, CU, CZ, DE, DE GE, GH, GM, HR, HU, ID, II LK, LR, LS, LT, LU, LV, MR | | | AZ,
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| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FΙ, | FR, | GB, | GR, | HU, | IE, | ΙT | , LU, | MC, | NL, | PL, | PT, | RO, | SE, |
| | | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM | , GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | SN, | TD, | TG | | | | | | | | | | | | | |
| EP | 1670 | 433 | | | A1 | | 2006 | 0621 | | EΡ | 2004- | 7901 | 56 | | - 2 | 20041 | 006 |
| | R: | ΑT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR | , IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | FΙ, | RO, | CY, | TR, | BG, | CZ, | EE | , HU, | PL, | SK | | | | |
| BR | 2004 | 0145 | 51 | | A | | 2006 | 1031 | | BR | 2004- | 1455 | 1 | | - 2 | 20041 | 006 |
| JP | 2007 | 5082 | 61 | | T | | 2007 | 0405 | | JΡ | 2006- | 5301 | 07 | | - 3 | 20041 | 006 |
| NZ | 5461 | 06 | | | A. | | 2008 | 1031 | | NZ | 2004- | 5461 | 06 | | - 2 | 20041 | 006 |
| US | 2006 | 0153 | 905 | | A1 | | 2006 | 0713 | | US | 2006- | 3710 | 42 | | - 2 | 20060 | 307 |
| US | 7335 | 379 | | | B2 | | 2008 | 0226 | | | | | | | | | |
| MX | 2006 | 0033 | 16 | | A. | | 2006 | 0608 | | MX | 2006- | 3316 | | | - 2 | 20060 | 324 |
| US | 2007 | 0098 | 775 | | A1 | | 2007 | 0503 | | US | 2006- | 6340 | 05 | | - 2 | 20061 | 204 |
| | 7404 | | | | B2 | | | 0729 | | | | | | | | | |
| | 2009 | | | | A1 | | 2009 | 0312 | | US | 2008- | 2683 | 01 | | - 2 | 20081 | 110 |
| PRIORIT: | Y APP | LN. | INFO | . : | | | | | | WO | 2001- | EP90 | 07 | 1 | N 2 | 20010 | 803 |
| | | | | | | | | | | | 2003- | | | - 2 | | 20030 | |
| | | | | | | | | | | US | 2003- | 5106 | 13P | 1 | P 2 | 20031 | 010 |
| | | | | | | | | | | | 2004- | | | | | 20041 | |
| | | | | | | | | | | | 2006- | | | | | 20060 | |
| | | | | | | | | | | US | 2006- | 6340 | 05 | - 1 | A2 : | 20061 | 204 |
| | | | | | | | | | | WO | 2000-1 | EP 75 | 33 | - 1 | A 2 | 20000 | 803 |
| | | | | | | | | | | US | 2007- | 7559: | 23 | | A2 2 | 20070 | 531 |

AB The invention relates to a transdermal or transmucosal non-occlusive, semi-solid pharmaceutical formulation that includes at least one systemically active agent that acts on the central nervous system (CNS) of a mammal; and a permeation enhancing solvent system present in an amount sufficient to solubilize the at least one active ingredient. The permeation enhancing solvent system includes a pharmaceutically acceptable monoalkyl ether of diethylene glycol; a pharmaceutically acceptable glycol; preferably also a fatty alc. and or a fatty acid; and a mixture of a C2 to C4 alc. and water so that the permeation enhancing solvent system (a) inhibits crystallization of the at least one active ingredient on a skin or mucosal surface of a mammal, (b) reduces or prevents transfer of the formulation to clothing or to another being, (c) modulates biodistribution of the at least one active agent within different layers of skin, (d) facilitates absorption of the at least one active agent by a skin or a mucosal surface of a mammal, or (e) provides a combination of one or more of (a) through (d). A transdermal pharmaceutical contained pramipexole dihydrochloride 2.00, diethylene glycol monoethyl ether 5.00, propylene glycol 15.0, hydroxypropylcellulose 1.50, absolute ethanol 4.0, sodium hydroxide q.s. pH = 8.2, and water q.s. 100.00%.

IT 3605-01-4, Piribedil

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (transdermal delivery of systemically active central nervous system drugs)

RN 3605-01-4 CAPLUS

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (CA INDEX NAME)

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          482 L3
         67643 MUCOSA
          311 MUCOSAS
          1496 MUCOSAE
         68485 MUCOSA
                 (MUCOSA OR MUCOSAS OR MUCOSAE)
             1 L3 AND MUCOSA
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   ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:
                        1997:500259 CAPLUS
DOCUMENT NUMBER:
                        127 - 113363
ORIGINAL REFERENCE NO.: 127:21773a,21776a
TITLE:
                        Controlled-release bioadhesive pharmaceutical
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compositions containing vinyl acetate-vinylpyrrolidone copolymer
INVENTOR(S): Rault, Isabelle; Pichon, Gerald

PATENT ASSIGNEE(S): Adir Et Compagnie, Fr. SOURCE: Eur. Pat. Appl., 7 pp. CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: French FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

| PAT | TENT NO. | | KIND | DATE | APPLICATION NO. | DATE |
|----------|-----------|---------|----------|-------------|----------------------|-------------------|
| | | | | | | |
| | 781550 | | A1 | 19970702 | EP 1996-402788 | 19961218 |
| EP | 781550 | | B1 | 19961218 | | |
| | R: AT, | BE, CH, | DE, DK | , ES, FI, E | R, GB, GR, IE, IT, L | I, LU, NL, PT, SE |
| FR | 2742989 | | A1 | 19970704 | FR 1995-15701 | 19951229 |
| FR | 2742989 | | B1 | 19980123 | | |
| AT | 222098 | | T | 20020815 | AT 1996-402788 | 19961218 |
| PT | 781550 | | T | 20021129 | PT 1996-402788 | 19961218 |
| ES | 2180722 | | T3 | 20030216 | ES 1996-402788 | 19961218 |
| CA | 2193454 | | A1 | 19970630 | CA 1996-2193454 | 19961219 |
| CA | 2193454 | | С | 20010724 | | |
| NO | 9605475 | | A | 19970630 | NO 1996-5475 | 19961219 |
| ZA | 9610864 | | A | 19970627 | ZA 1996-10864 | 19961223 |
| AU | 9675496 | | A | 19970703 | AU 1996-75496 | 19961223 |
| AU | 725283 | | B2 | 20001012 | | |
| JP | 09194395 | | A | 19970729 | JP 1996-343671 | 19961224 |
| CN | 1159950 | | A | 19970924 | CN 1996-123198 | 19961227 |
| US | 5900247 | | A | 19990504 | US 1996-777306 | 19961227 |
| PRIORITY | APPLN. : | INFO.: | | | FR 1995-15701 | A 19951229 |
| AR Ric | adhaoitta | nharmac | antical. | compositio | n for the controlled | release of active |

AB Bioadhesive pharmaceutical composition for the controlled release of active agents in buccal cavity or through nasal, waginal, and rectal mucosa are claimed. The bioadhesive compns. contain vinyl acetate-vinylpyrrolidone copolymer (I) and polysaccharides.

Dihydroergotamine monomethanesulfonate 0.15, T 5, and ethanol:0.1N HCl (50:50) 10 mL were mixed to obtain a homogeneous solution followed by addition of 0.5 g propylene glycol. The mixture thus obtained was spread on an ethylene-vinyl acetate film and dried at room temperature for 2h. Disks of 1

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

cm diameter having thickness of 0.2 mm were cut from above film for use. IT 52293-23-9, Piribedil monomethane sulfonate

(controlled-release bioadhesive pharmaceutical compns. containing vinyl acetate-vinylpyrrolidone copolymer)

RN 52293-23-9 CAPLUS

CN Pyrimidine, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 3605-01-4 CMF C16 H18 N4 O2

CM 2

CRN 75-75-2 CMF C H4 03 S

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 85.70 271.80

FULL ESTIMATED COST

CA SUBSCRIBER PRICE

SINCE FILE TOTAL ENTRY SESSION -9.02 -9.02

STN INTERNATIONAL LOGOFF AT 13:06:29 ON 06 APR 2009

DISCOUNT AMOUNTS (FOR OUALIFYING ACCOUNTS)